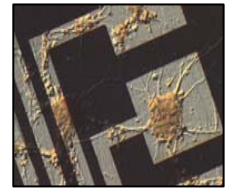




Environmental Sentinel Biomonitor (ESB) System



Purpose:

Provide capability to rapidly identify toxic hazards in water resulting from damaged infrastructures, accidental spills, or hostile acts, thereby avoiding health and performance decrements for deployed soldiers

Product:

An ESB system that will provide rapid identification of acute toxic hazards in water

Payoff:

- *Increased protection for deployed soldiers from health risks related to chemically-contaminated water*
- *Time-relevant information for commanders to help support Operational Risk Management decisions*

ESB System Development Schedule

| MILESTONES | FY04 | FY05 | FY06 | FY07 | FY08 |
|---|------|------|------|------|------|
| Complete Initial Technology Assessment and ESB System Configuration | ■ | | | | |
| Evaluate and Select Biomonitor Components | | ■ | ■ | ■ | |
| Complete ESB Platform and Expert System | ■ | ■ | ■ | ■ | |
| Complete ESB System Field Testing | | | | ■ | ■ |

